

#### ABSTRACT OF THE DISCLOSURE

A plansifter for separating the products of cereal milling, which includes a plurality of compartments arranged vertically, a plurality of sieves stacked in each compartment, a rotating mass assembly to keep under vibration the plurality of compartments and therefore the plurality of sieves, and flexible suspension assemblies to allow vibration. The plurality of compartments has a binary configuration, forming pairs of compartments that are symmetrical and aligned with respect to the rotating mass assembly that is arranged centrally. The plansifter allows a reduced footprint for an equal performance, allows to provide a modular construction that can be extended according to future requirements, to simplify mechanical construction and maintenance, and to distribute the flexible suspension assemblies according to requirements.